

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/IB2004/050373

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G11B27/10 G11B27/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G11B H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 308 264 A (SAMSUNG ELECTRONICS CO LTD) 18 June 1997 (1997-06-18) abstract page 1, line 5 - page 4, line 11 figure 3	1-14
A	EP 0 729 153 A (HITACHI LTD) 28 August 1996 (1996-08-28) abstract column 6, line 21 - column 7, line 20 figure 11	1-14
A	EP 0 817 480 A (MATSUSHITA ELECTRIC IND CO LTD) 7 January 1998 (1998-01-07) abstract page 2, line 5 - page 3, line 17 page 4, line 50 - page 6, line 14 figures 1,12	1-14

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

19 July 2004

Date of mailing of the international search report

09/08/2004

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
GB 2308264	A	18-06-1997	KR	223163 B1		15-10-1999
			CN	1158483 A , B		03-09-1997
			JP	9182026 A		11-07-1997
			NL	1004741 C2		20-04-1998
			NL	1004741 A1		12-06-1997
EP 0729153	A	28-08-1996	JP	3329979 B2		30-09-2002
			JP	8235833 A		13-09-1996
			CN	1135072 A		06-11-1996
			CN	1229235 A		22-09-1999
			DE	69616845 D1		20-12-2001
			DE	69616845 T2		29-08-2002
			EP	0729153 A2		28-08-1996
			EP	0930618 A2		21-07-1999
			KR	227417 B1		01-11-1999
			US	6002834 A		14-12-1999
			US	6308003 B1		23-10-2001
			US	2001036139 A1		01-11-2001
			US	6009237 A		28-12-1999
EP 0817480	A	07-01-1998	DE	69603587 D1		09-09-1999
			DE	69603587 T2		30-03-2000
			EP	0817480 A1		07-01-1998
			JP	2883209 B2		19-04-1999
			KR	268546 B1		16-10-2000
			CN	1444396 A		24-09-2003
			CN	1181859 A , B		13-05-1998
			HK	1005972 A1		07-04-2000
			WO	9629822 A1		26-09-1996
			US	5838872 A		17-11-1998